

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES UPGRADING ALL VEHICULAR SIGNAL HEADS TO LED AT THE INTERSECTION OF MD 26 (LIBERTY ROAD) MD 194 (WOODSBORO PIKE) IN FREDERICK COUNTY. IN ADDITION A NEAR SIDE SIGNAL WILL BE ADDED TO THE EASTBOUND APPROACH AND AN OVERHEAD STREET NAME SIGN WILL BE RELOCATED. MD 26 IS ASSUMED TO RUN IN A EAST-WEST DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION WILL CONTINUE TO OPERATE IN A NEMA FOUR-PHASE, FULL-TRAFFIC-ACTUATED MODE WITH EXCLUSIVE PERMISSIVE LEFT TURN PHASING FOR SOUTHBOUND MD 194.

CONTROLLER REQUIREMENTS

THE EXISTING BASE MOUNTED CABINET, CONTROLLER, EQUIPMENT AND ASSOCIATED HARNESSES SHALL REMAIN.

THE CONTACT PERSONS FOR DISTRICT #7 ARE AS FOLLOWS:

Mr. John Concannon
Assistant District Engineer - Traffic
Phone: 301-624-8140/8141

Ms. Andrea Abend
Assistant District Engineer - Utility
Phone: 301-624-8105/8116

Mr. Raymond Johnson
Assistant District Engineer - Maintenance
Phone: 301-624-8105/8106

Mr. Richard L. Daff Sr.
Chief, Traffic Operations Division
Phone: 410-787-7630

Mr. Edward Rodenhizer
Chief, SHA Signal Shop
Phone: 410-787-7650

The Power Company is:
Baltimore Gas and Electric Company
7317 Parkway Drive South
Hanover, Md 21076
Phone: 410-859-9062

EQUIPMENT LIST 'A'

EQUIPMENT TO BE FURNISHED BY THE SHA.

CATEGORY CODE	QUANTITY	DESCRIPTION
NONE		

EQUIPMENT LIST 'B'

EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.

CATEGORY CODE	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
8001	31 EA	12 INCH LED SIGNAL HEAD SECTION
8022	1 EA	REMOVE AND DISPOSE OF MATERIAL AND EQUIPMENT PER ASSIGNMENT
8040	10 SF	INSTALL OVERHEAD OR GROUND MOUNTED SIGN
8058	170 LF	ELECTRICAL CABLE -7 CONDUCTOR (NO.14 AWG)

EQUIPMENT LIST 'C'

EQUIPMENT TO BE REMOVED AND RETURNED TO SHA.

CATEGORY CODE	QUANTITY	DESCRIPTION
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NONE - ALL REMOVED EQUIPMENT SHALL BECOME THE PROPERTY OF THE CONTRACTOR

WIRING DIAGRAM

- A-USE EXISTING WIRING
B-ELECTRICAL CABLE-7- CONDUCTOR (NO.14 AWG)
EPS-EXISTING POWER SERVICE

PHASE CHART

	1	2	3	4	5	6	7	8	9
PHASE 2 AND 5	R	R	R	G	G	G	R	R	R
PHASE 2 AND 5 CHANGE	R	R	R	G	G	G	R	R	R
PHASE 2 AND 6	G	G	G	G	G	G	R	R	R
PHASE 2 AND 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R
PHASE 7	R	R	R	R	R	R	G	G	G
PHASE 7 CHANGE	R	R	R	R	R	R	Y	Y	Y
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R

TOD NO:AX142-11
SHA NO:FR552A53/B53
MD 26@ MD 194

PLOTTED: Tuesday, October 02, 2007 at 11:01:06 AM
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STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 26 (LIBERTY ROAD) AND MD 194 (WOODSBORO PIKE)

GENERAL INFORMATION

SCALE NONE DATE 10/2/2007 CONTRACT NO. AX 1425185

DESIGNED BY SDY COUNTY FREDERICK
DRAWN BY CCW LOGMILE 10002602.26
CHECKED BY T.J.M.S. NO.
F.A.P. NO. TOD NO.

TS NO. 1837D-GI DRAWING SG-02 OF 2 SHEET NO. 2 OF 2